

JFW



PATENT
Attorney Docket No. 0275A-001091/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Alan PHILLIPS et al.

CONF. NO.: 4331

SERIAL NO.: 10/782,400

GROUP: 2837

FILED: February 18, 2004

EXAMINER: Unknown

FOR: AMPERAGE CONTROL FOR PROTECTION OF BATTERY OVER
CURRENT IN POWER TOOLS

**REVOCATION OF POWER OF ATTORNEY, SUBSTITUTE POWER OF ATTORNEY,
AND CHANGE IN CORRESPONDENCE ADDRESS**

Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Dear Sir:

The Assignee of the above-identified patent application, Black & Decker Inc., having a business office at Drummond Plaza Office Park, 1207 Drummond Plaza, Newark, Delaware 19711, as evidenced by the attached Statement Under 37 C.F.R. §3.73(b) and attachments thereto, hereby revokes any and all previous powers of attorney for the above-identified patent application or issued patent, and hereby appoints John D. DelPonti, Reg. No. 24,258; Charles E. Yocum, Reg. No. 30,121 and Adan Ayala, Reg. No. 38,373 of The Black & Decker Corporation, 701 East Joppa Road, Towson, Maryland 21286, telephone (410) 716-3900; and Christopher M. Brock, Reg. No 27,313, Terry L. Clark, Reg. No. 32,644, Herman R. Heflin, III, Reg. No. 41,060, Matthew J. Lattig, Reg. No. 45,274, and all individuals assigned to Customer No. 30593, as the attorneys of the Assignee to receive all correspondence relating to the above-identified application or patent and to transact all business in the United States Patent and Trademark Office connected therewith, with full power of substitution and revocation, and the Assignee ratifies any act done by the Assignee's attorneys in respect of this patent.

The new correspondence address is:

HARNESS, DICKEY & PIERCE, P.L.C.
P.O. Box 8910
Reston, VA 20195

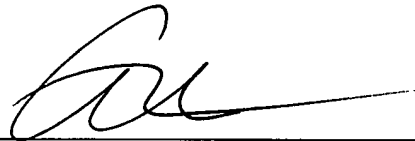
Customer Number 30593

The undersigned (whose title is supplied below) is empowered to sign this Revocation and Substitute Power of Attorney on behalf of the Assignee.

I hereby declare that all statements made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

5-31-05

Date



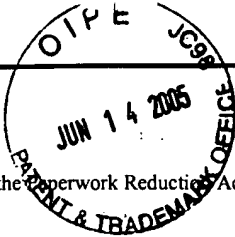
Signature

Adan Ayala

Typed or printed name

Senior Group Patent Counsel, Black & Decker Inc.

Title



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

PTO/SB/96 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U. S. Patent and Trademark Office; U. S. DEPARTMENT OF COMMERCE

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Black & Decker Inc.

Application No./Patent No.: 10/782,400 Filed/Issued Date: February 18, 2004

Entitled: Amperage Control for Protection of Battery Over Current in Power Tools

Black & Decker Inc. corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

States that it is :

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

In the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel __, Frame ____, a copy of which is attached hereto.

OR

B. ☒ A Chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: Alan Phillips and Julie L. Jones (Inventors) To: Porter-Cable Corporation
The document was recorded in the United States Patent and Trademark Office at Reel 015351, Frame 0819, a copy of which is attached hereto.
2. From: Porter-Cable Corporation To: Black & Decker Inc.
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
4. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

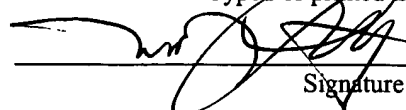
☒ Copies of assignments or other documents in the chain of title are attached.

[Note: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

6.13.05
Date

Matthew J. Lattig, Reg. No. 45,274
Typed or printed name


Signature

Attorney of Record
Title



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

NOVEMBER 12, 2004

PTAS



102751504A

SUITER WEST PC LLO
14301 FNB PARKWAY
SUITE 220
OMAHA, NE 68154

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/21/2004

REEL/FRAME: 015351/0819
NUMBER OF PAGES: 5

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: PC 02-8-2

ASSIGNOR:
PHILLIPS, ALAN

DOC DATE: 03/10/2004

ASSIGNOR:
JONES, JULIE L.

DOC DATE: 03/11/2004

ASSIGNEE:
PORTER-CABLE CORPORATION
4825 HIGHWAY 45
JACKSON, TENNESSEE 38305

SERIAL NUMBER: 10782400
PATENT NUMBER:

FILING DATE: 02/18/2004
ISSUE DATE:

TITLE: AMPERAGE CONTROL FOR PROTECTION OF BATTERY OVER CURRENT IN POWER TOOLS

015351/0819 PAGE 2

ANTIONE ROYALL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

FORM PTO-1595

1-31-92

Docket No. PC 02-8-2

05-25-2004



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

1. Name of conveying party(ies):

Alan Phillips

4825 Highway 45 North

Jackson, TN 38305

Julie L. Jones

77 Chickering Road

Jackson, TN 38305

Additional name(s) of conveying party(ies) attached?

☐ YES ☒ NO

2. Name and address of receiving party(ies):

Porter-Cable Corporation

4825 Highway 45

Jackson, TN 38305

Additional name(s) and Address(es) attached:?

☐ YES ☒ NO

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Execution Date: March 10, 2004 and March 11, 2004

4. Application number(s) or patent number(s):

Serial N^o 10/782,400 Filed: February 18, 2004

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

10/782,400

B. Patent No.(s)

Additional numbers attached: ☐ YES ☒ NO

5. Name and address of party to whom correspondence concerning document should be mailed:

Customer No. 23531

SUITER • WEST PC LLO

Sean Patrick Suiter

14301 FNB Parkway, Suite 220

Omaha, Ne 68154-5299

6. Total number of applications and patents involved: **ONE**

7. Total fee (37 CFR 3.41)

\$ 40.00

☒ Authorized to be charged to deposit account 19-4882.

(Attach duplicate copy of this page if paying by deposit account).

05/24/2004 LMIELLER 00000077 194882 10782400

01 FC:8021 40.00 DA

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Chad W. Swantz, Reg. No. 46,329

DATE: May 19, 2004

Total number of pages including cover sheet: **ONE (1)**

Please return signed/Recorded to:

CUSTOMER NO. 23531

Sean Patrick Suiter
Suiter • West PC LLO
14301 FNB Parkway, Suite 220
Omaha, NE 68154-5299

ASSIGNMENT OF U.S. PATENT APPLICATION
(sole or joint inventor(s))

WHEREAS, the undersigned, to wit:

- 1) Alan Phillips
- 2) Julie L. Jones

(hereinafter collectively ASSIGNOR), have made application for United States Letters Patent

- (a) _____ which was executed and is being filed herewith in the United States Patent and Trademark Office
- (b) _____ which was filed on _____ and titled _____
- (c) X _____ which was filed on February 18, 2004 and known as Appln. No. _____, titled **AMPERAGE CONTROL FOR PROTECTION OF BATTERY OVER CURRENT IN POWER TOOLS**

AND WHEREAS, Porter-Cable Corporation (hereinafter ASSIGNEE), a corporation organized and existing under the laws of Minnesota, and having its principal place of business at 4825 Highway 45 North, Jackson, TN 38305, is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR does hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives its entire right, title and interest in and to said invention and in and to said application and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as ASSIGNOR's interest is concerned, to the said ASSIGNEE of ASSIGNOR's entire right, title and interest.

ASSIGNOR also hereby sells and assigns to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world

including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

ASSIGNOR further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

ASSIGNOR hereby further agrees to communicate with said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

ASSIGNOR hereby grant(s) the firm of Suiter • West PC LLO or its agents the power to insert on this assignment any further identification, including but not limited to application number(s) and filing dates, which may be necessary or desirable in order to comply with any rule or request of the United States Patent and Trademark office for the purposes of recording this document.

Signed at Jackson, in the County of Madison, State of TN
this 10 day of March, 2004.

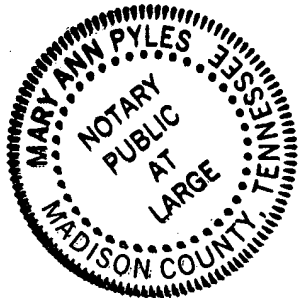
Alan Phillips
Alan Phillips

STATE OF Tennessee,
COUNTY OF Madison,

I, Mary Ann Pyles, a Notary Public in and for the County and State aforesaid,
(my Commission expires on 1/21/08) do hereby certify that **Alan Phillips** personally
known to me to be the same person whose name is subscribed to the foregoing instrument, appeared
before me this day in person and acknowledged that he signed, sealed and delivered the said
instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 10th day of March, 2004

(SEAL)



Mary Ann Pyles
Notary Public

Signed at Jackson, in the County of Madison, State of TN
this 11th day of March, 2004.

Julie L. Jones
Julie L. Jones

STATE OF Tennessee,

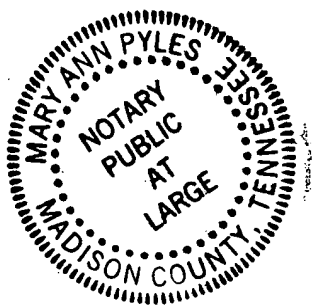
COUNTY OF Madison,

I, MaryAnn Pyles, a Notary Public in and for the County and State aforesaid,
(my Commission expires on 1/21/08) do hereby certify that **Julie L. Jones** personally
known to me to be the same person whose name is subscribed to the foregoing instrument, appeared
before me this day in person and acknowledged that he signed, sealed and delivered the said
instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 11th day of March, 2004.

(SEAL)

MaryAnn Pyles
Notary Public



ASSIGNMENT OF UNITED STATES PATENTS

AND PATENT APPLICATIONS

WHEREAS, Porter-Cable Corporation, a corporation organized and existing under the laws of Delaware, having its principal office address at 4825 Highway 45 North, Jackson, TN 38305, (hereinafter, the "Assignor"), is the owner of the United States Patents and Patent Applications all of the foregoing being more specifically identified in Table 1 attached hereto; and

WHEREAS, Black & Decker Inc., a corporation organized and existing under the laws of the State of Delaware, United States of America, having its principal office at Drummond Plaza Office Park, 1207 Drummond Plaza, Newark, Delaware 19711 (hereinafter, the "Assignee"), is acquiring the entire right, title and interest of the Assignor in and to said United States Patents and Patent Applications identified in Table 1 attached hereto in accordance with the terms of a Purchase Agreement dated July 16, 2004 between The Black & Decker Corporation and Pentair, Inc. (the "Purchase Agreement").

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration not herein specifically enumerated, the receipt of which is hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does hereby sell, assign and transfer unto said Assignee, its successors, assigns or other legal representatives, Assignor's entire right, title and interest in and to the Patents and Patent Applications and any and all revivals, refilings, continuations, continuations-in-part, divisions and reissues thereto, its entire right, title and interest in and to, together with all claims of Assignor for profits and damages by reason of past infringement, if any, of said Patents and

Patent Applications, with the right to sue for and collect the same of Assignee's own use and advantage and for the use and advantage of its successors, assigns or other legal representatives.

This Assignment is being executed in connection with the closing of the Purchase Agreement.

IN WITNESS WHEREOF, the Assignor has caused this instrument to be signed by a duly authorized corporate officer and its corporate seal to be hereto affixed.

October 2, 2004
Date

PORTER-CABLE CORPORATION

By: *Louis L. Ainsworth*
Name: Louis L. Ainsworth
Title: Secretary

STATE OF Wisconsin,
COUNTY OF Milwaukee } ss

On this 2nd day of October, 2004, before me, Jessica Lochmann,
personally appeared Louis L. Ainsworth who acknowledged himself to be a
Secretary of ~~the~~ Porter-Cable Corporation and is authorized to
execute documents on behalf of the corporation.

(SEAL)

Jessica S. Lochmann
Notary Public

My commission expires is permanent

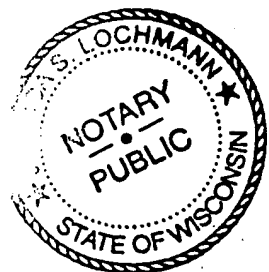


TABLE 1

Utility CIP	10801273	US	Greater Capacity Cutting Saw	Pending	Porter-Cable Corporation
Provisional	60547662	US	Pneumatic Fastener	Pending	Porter-Cable Corporation
Provisional	60546685	US	Oil Free Head Valve for Pneumatic Nailers and Staplers	Pending	Porter-Cable Corporation
Provisional	60546684	US	Personalized Combo Kit of Tools and Accessories	Pending	Porter-Cable Corporation
Utility Provisional Conversion	10782400	US	Ampereage Control for Protection of Battery Over Current in Power Tools	Pending	Porter-Cable Corporation
Provisional	60540846	US	Miter Saw Work Piece Stop Assembly	Pending	Porter-Cable Corporation
Provisional	60540845	US	Wrench-Less Collet System for Power Tools	Pending	Porter-Cable Corporation
Design	29198534	US	Router with Plunge Base	Pending	Porter-Cable Corporation
Design	29198524	US	Router	Pending	Porter-Cable Corporation
Provisional	10766482	US	In-Line Sander		Porter-Cable Corporation
Provisional	60533834	US	Construction Element Location Device	Pending	Porter-Cable Corporation
Provisional	60533645	US	Pneumatic Fastener	Pending	Porter-Cable Corporation
Design CIP	29196743	US	Pneumatic Fastener	Pending	Porter-Cable Corporation
Utility Provisional Conversion	10749479	US	Quick Change Fastener Assembly	Pending	Porter-Cable Corporation
Provisional	60531730	US	GFCI Protective Device	Pending	Porter-Cable Corporation
Utility CIP	10740235	US	Ergonomic Router Assembly	Pending	Porter-Cable Corporation
Provisional	60529199	US	Refillable Gas Propelled Fastener System	Pending	Porter-Cable Corporation
Utility CIP	10730637	US	Handle Assembly	Pending	Porter-Cable Corporation
Provisional	60525392	US	Integrated Battery Charging Work Light Electrical Distribution System	Pending	Porter-Cable Corporation
Design	29194366	US	Pneumatic Fastener	Pending	Porter-Cable Corporation
Provisional	60523724	US	Power Tool Case Protection and Display System	Pending	Porter-Cable Corporation
Design	29194381	US	Pneumatic Fastener	Allowed	Porter-Cable Corporation
Utility Provisional Conversion	10717987	US	Greater Capacity Cutting Saw	Abandoned	Porter-Cable Corporation
Provisional	60516144	US	Sander Having Variable Position Handle	Pending	Porter-Cable Corporation
Provisional	60516143	US	Variable Dust Chute for Circular Saws	Pending	Porter-Cable Corporation
Provisional	60511870	US	Tool and Accessory Case	Pending	Porter-Cable Corporation
Utility Provisional Conversion	10687542	US	Blade Clamp Assembly	Pending	Porter-Cable Corporation

Provisional	60467169	US		Router	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10413455	US		Modular Assisted Visualization System	Pending	Porter-Cable Corporation
Utility CIP	10409695	US		Battery Powered Router	Pending	Porter-Cable Corporation
Utility Provisional Conversion	10409535	US		Wireless Electrical Control System	Pending	Porter-Cable Corporation
Provisional Original	60453815	US		Keyless Shoe Lock for Reciprocating Saw	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10384510	US		Router Base Securing Mechanism	Pending	Porter-Cable Corporation
Provisional	60448267	US		Ampereage Control for Protection of Battery Over Current in Power Tools	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10368286	US		Quick Change Fastener Assembly	Pending	Porter-Cable Corporation
Utility Provisional Conversion	10361544	US		Offset Base Router	Pending	Porter-Cable Corporation
Provisional	60440130	US		Jobsite Radio	Expired	Porter-Cable Corporation
Provisional	60437302	US		Clutch Cam Assembly	Converted	Porter-Cable Corporation
Utility	10322044	US		Router Handgrip Device	Pending	Porter-Cable Corporation
Utility Provisional Conversion	10301213	US		Sleeve Design with Reinforced Tape	Pending	Porter-Cable Corporation
Provisional	60427647	US		Greater Capacity Cutting Saw	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10293749	US		Detachable Wrench Handle Assembly	Pending	Porter-Cable Corporation
Utility	10292171	US		Router Safety Device	Pending	Porter-Cable Corporation
Provisional	60422378	US		Method for Indicating Required Compressor Pressure When Using High-Pressure Nail Gun	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10282590	US		Adjustable Grasping Assembly for Tools	Pending	Porter-Cable Corporation
Provisional	60418967	US		Wrenchless Blade Clamp	Converted	Porter-Cable Corporation
Provisional	60418510	US		Router	Converted	Porter-Cable Corporation
Provisional	60417946	US		Keyless Shoe Lock for Reciprocating Saw	Converted	Porter-Cable Corporation
Provisional Original	60416071	US		Right Angle Router	Converted	Porter-Cable Corporation
Utility Provisional Conversion	10264024	US		Router Plunge Depth Adjustment Mechanism	Pending	Porter-Cable Corporation
Provisional	60414200	US		Modular Assisted Visualization System	Converted	Porter-Cable Corporation
Provisional	60411563	US		Nailer	Converted	Porter-Cable Corporation
Provisional	60404634	US		Rotatable Handle for Power Tools	Transferred	Porter-Cable Corporation
Provisional	60403133	US		Sleeve Design with Reinforced Tape	Converted	Porter-Cable Corporation